Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/840,939              | ABE ET AL.                              |
| Examiner                | Art Unit                                |

Examiner

Jamie Vent

Art Unit 2621

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

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| Cla      | aim_            |                |  | _  | <u> </u>   | Date         | <u></u>      | r  | r  |  |   | Cla   | im       | ļ  |          |  | <u>, l</u>                                       | Date   | €        |
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|          | 7               |                |  |  |  |              |              |  |  |  |   |       | 57       |  |          |  |  |  | Γ        |
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| L        | 9               |                |  | L  |  |              |              |  |  |  |   |       | 59       |  |          |  |  |  | Γ        |
|          | 10              | L              |  |  |  |              |              |  |  |  |   |       | 60       |  |          |  |  |  |          |
|          | 11              |                | L  | _  |  |              |              | L  | _  |  |   |       | 61       |  |          |  |  |  |          |
| <u> </u> | 12              | L              | _  | L  |  | L            |              |  |  |  |   |       | 62       |  |          |  |  |  |          |
|          | 13              | <u> </u>       |  |  | <u> </u>   |              | <u> </u>     |  |  | L  |   |       | 63       |  |          |  |  |  | L        |
|          | 14              |                | L  | L  | L  |              |              |  |  | _  |   |       | 64       |  |          |  |  |  |          |
|          | 15              | L              |  |  | <u> </u>   |              | <u></u>      |  |  | L  |   |       | 65       |  |          |  | L  |  | L        |
|          | 16              | <b>L</b>       |  |  | _  |              |              | <u> </u>   |  | _  |   |       | 66       |  | _        |  |  |  | L        |
|          | 17              | Щ              | L  | L  | L  |              | L            | <u> </u>   |  | _  |   |       | 67       |  |          |  |  |  |          |
| <u> </u> | 18              | 1              |  |  | <u>L</u>   |              | 匚            |  |  | 匚  |   |       | 68       |  |          | L  | L  |  |          |
|          | 19              | Ц              | L  | <u> </u>   | L  | <u> </u>     |              |  |  | <u> </u>   |   |       | 69       |  |          |  |  |  | L        |
|          | 20              | Ц              | _  | 匚  | <u>_</u>   | _            |              |  |  | <u> </u>   |   |       | 70       |  |          |  | _  |  | L        |
|          | 21              | Ц              | _  |  | L_   | _            | _            | _  |  |  |   |       | 71       |  |          |  |  | _  | L        |
|          | 22              | ~              | L.   |  |  | <u> </u>     |              | _  |  | L  |   |       | 72       |  |          |  | Ŀ  | $ldsymbol{ld}}}}}}$ | L        |
|          | <del>23</del> - | <u> </u>       |  | _  |  |              |              |  |  | L  |   |       | 73       |  |          | L  | L  |  | L        |
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|          | 25              | 4              | <u> </u>   | <u> </u>   | <u> </u>   | _            |              |  |  | _  |   |       | 75       |  |          |  |  | Ш  | L        |
|          | 26              | 4              | _  | L-   | _  | _            |              | _  |  | _  |   |       | 76       |  |          |  |  |  | L        |
|          | 27              | Ш              | <b> </b> _                                       | <u> </u>   |  | <u> </u>     |              | _  | _  | L.   |   |       | 77       | Ш  |          |  | <u> </u>   |  | L        |
|          | 28              | <b> -</b>      |  |  | <u> </u>   | <u> </u>     | _            |  |  |  |   |       | 78       | Ш  |          |  | ļ  | _  | L        |
|          | 29              | Н,             | ↓_   | _  | ┡  | _            |              | <u> </u>   | <u> </u>   |  |   |       | 79       |  | _        |  | _  |  | L        |
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| <u> </u> | 31              | <u> </u>       | <u> </u>   | <u> </u>   |  | _            | _            | _  |  | _  |   |       | 81       | Ш  | _        |  | _  | ļ.,  | L        |
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|          | 33              | +              |  | <u> </u>   | <u> </u>   | -            | -            |  | _  | <u> </u>   |   |       | 83       | _  |          |  | ┝  | <u> </u>   |          |
| <b> </b> | 34              | -              | ⊢  | _  | _  | _            | -            | -  | _  | ├  |   |       | 84       | -  |          |  | <u> </u>   | _  | L        |
| -        | 36              | ₩              | -  |  | ⊢  | -            | -            | -  | _  | ├─   |   | -     | 85       | -  | _        |  | _  | Н  | L.       |
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| -        | 42              | +              | ┢  | ⊢  |  | -            |              |  |  | ┝  |   |       |          | $\vdash$                                     |          | -  | -  | H  | ┞        |
| <b>-</b> | 43              | +              | -  |  | $\vdash$   | $\vdash$     |              | -  | ├  | $\vdash$   |   |       | 92<br>93 | -  | <u> </u> | ├  | ├  | $\vdash$   | $\vdash$ |
| -        | 44              | ╫╴             | -  |  | $\vdash$   | -            | $\vdash$     | -  | <del> </del>                                     | $\vdash$   |   |       | 94       | $\vdash$                                     |          | $\vdash$   | ├  | <del> </del>   | $\vdash$ |
|          | 45              | <del>  -</del> | $\vdash$   | +-   | $\vdash$   | +            | -            | $\vdash$   | $\vdash$   | $\vdash$   |   |       | 95       | $\vdash$                                     |          | $\vdash$   | $\vdash$   | $\vdash$   | ⊢        |
| -        | 46              | H-             | ┢  | <del>                                     </del> | $\vdash$   | $\vdash$     | -            | -  | $\vdash$   | -  |   |       | 96       | $\vdash$                                     |          | $\vdash$   | -  |  | ⊢        |
|          | 47              | 1              | <del>                                     </del> | -  | <del> </del>                                     | $\vdash$     | $\vdash$     | $\vdash$   | <del> </del>                                     | <del> </del>                                     |   |       | 97       | $\vdash$                                     | $\vdash$ | -  | ├  | $\vdash$   | $\vdash$ |
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|          | 50              |                | <b>†</b>   | T  | <del>                                     </del> | $\vdash$     |              | $\vdash$   | <del> </del>                                     | <del>                                     </del> |   |       | 100      | <b>!</b>                                     | ┢        | <del>                                     </del> | _  | $\vdash$   | H        |
| L        | ,               |                |  |  | 1  | 1            | 1            | 1  | ı  | •  |   |       |          | 1  |          |  |  |  |          |

| Cla   | aim   | Date                                |              |  |              |              |              |              |              |                      |
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| Final | Original  |                                     |              |  |              |              |              |              |              |                      |
|       | 101   |                                     |              |  |              |              | Г            |              |              |                      |
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|       | 108<br>109<br>110<br>111  |                                     |              |  |              |              |              |              |              |                      |
|       | 109   |                                     |              | L.   |              |              |              |              | L.           |                      |
|       | 110   |                                     |              |  |              |              |              |              |              |                      |
|       | 111   | L                                   |              | L  | _            |              | L            |              |              |                      |
|       | 1 112   |                                     | _            | _  | <u> </u>     |              |              |              |              |                      |
|       | 113<br>114<br>115   |                                     | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>     | L            |              |              | Ш                    |
|       | 114   |                                     |              |  |              |              | <u>L</u>     |              |              |                      |
|       | 115   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | <u> </u>   | <u> </u>     | _            | _            | _            | L            |                      |
|       | 116   | _                                   | <u> </u>     |  | L.           | _            | <u> </u>     | <u> </u>     |              | Ш                    |
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|       | 118   |                                     |              | _  |              | ·            | <u> </u>     |              |              | Ш                    |
|       | 119   |                                     |              | L.   | L            |              | <u> </u>     |              |              |                      |
|       | 120   |                                     |              | L  |              |              |              | L            |              | Ш                    |
|       | 121   | L                                   | <u> </u>     | _  |              |              |              | <u> </u>     |              |                      |
|       | 122   | _                                   | <u> </u>     | L_   | _            | _            |              |              |              | Щ                    |
|       | 123   | L                                   | L            |  | <u> </u>     | L_           | <u></u>      | _            |              | Ш                    |
|       | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 | <u> </u>                            |              |  | _            | _            | L.           |              |              |                      |
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